

# [An Improved Method for Displaying Temporal Changes in Spatially Matched Images]

## Abstract of Disclosure

A temporal image processing system includes a temporal processing controller receiving at least two images temporally spaced apart, from a scanning unit. The temporal processing controller includes a registration module, which registers a region of interest within the images and generates therefrom a registration signal. The temporal processing controller further includes a confidence module receiving the registration signal and generating a confidence map therefrom. The confidence map enhances contrast of temporal changes in the object relative to a contrast due to misregistrations.

